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OBITUARY: -- PROF. WIEGMANN; MR. VIGORS.

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We learn from Mr. J. H. Gurney that a specimen of the Redbreasted Snipe was killed near Yarmouth, early in October. Our informant adds, that it was a male, and had nearly completed its change from the summer to the winter plumage.

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added to complete it.

Thus far I have referred to the defective portions, which must be decidedly considered as made up from the plumage of various birds, artificially intermingled, to give the appearance of a perfect specimen. I will now pass to the more pleasing task of noticing the parts which I think are those belonging to a distinct species. I will first, however, mention, that on comparing the feathers of these parts, as far as regards their structure, with those of the same parts of a well-authenticated specimen of Tanysiptera Dea, one is readily satisfied with their identity of character and disposition. But the differences of colouring between those portions which are left of the original bird and the same parts in the old species, will be better explained by the following description.

The tips of the feathers that compose the crest, as well as the elongated central tail-feathers, are ultramarine in this bird; while in the *Tanysiptera Dea* these parts are of a rich cobalt; in both,

however, the tail-feathers are tipped with white.

The back is deep shining black in the present bird; but in the T. Dea that part is of a dull black, with each feather margined with

deep blue.

The outer tail-feathers have the inner webs brownish black, and the exterior webs ultramarine; while in the *T. Dea* they are white, margined narrowly on the exterior edges with cobalt.

The central tail-feathers are much shorter than those of the T. Dea,

though the size of the bird is nearly the same.

From these differences I may venture to give the following short specific characters of the bird before me, under the name of Tany-siptera Nympha:—

Deep black above, margined with deep blue; the occipital crest and central tail-feathers ultramarine, the latter tipped with white; the lateral tail-feathers brownish black, with the outer

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I have two reasons for bringing this partly artificial bird before naturalists: -- first, to call the attention of ornithologists to the fact that some of the continental preparers of objects of Natural History still continue the shameful practice of endeavouring to deceive the zealous collector by false means, as in bygone days, when several such were published in splendid works, that have since been discovered to be manufactured for the purpose of obtaining large sums of money from amateurs who were struck by their magnificent appearance: secondly, to point out, as far as such a specimen will admit, the existence, without doubt, of a second species of an extremely rare genus, and thus endeavour to lead to its further elucidation, in the hope of establishing the fact of the existence of more than one species. In further proof of the latter assertion, I may add, that I have seen another specimen, which differs in several respects from both those now mentioned, and may be an intermediate species between them, and which will be soon described by M. La Fresnage, of Paris. - George Robert Gray.

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FOUNTAIN GUM BOTTLE.

I have found that the fountain inkstand, sold for Stephens's ink (but those sold by Mordan are probably as good), are the best vessels to keep gum-water in for common daily use. The fluid part of the gum-water being considerably above the level of the surface of the gum which is exposed for use, prevents it from becoming dry, as is so constantly the case in other kinds of vessels.—J. E. GRAY.

CARINARIA VITREA, LAMARCK.

Three specimens of this very rare shell have lately been brought to this country by Mr. Reeve, who purchased them at a sale in Holland. The shell of the unhatched animal (as is shown by the shell remaining on the apex of one of the specimens) is smooth, polished, nearly discoidal, and formed of several (three or four) slowly enlarging whorls, so as exactly to resemble the shell of the Helix lucida in form and appearance. When the animal is hatched, it suddenly enlarges its shell, and changes its form. The keel is formed of two distinct laminæ, one belonging to each side of the shell. In both these particulars, which I believe have not been noticed before, it exactly agrees with the more common Carinaria Mediterranea. - J. E. GRAY.

METEOROLOGICAL OBSERVATIONS FOR SEPT. 1840.

Chiswick.—Sept. 1, 2. Fine. 3. Rain. 4. Cloudy: rain. 5, 6. Fine. 7, 8. Very fine. 9. Hazy. 10—13. Very fine. 14. Hazy: heavy rain. 15. Cloudy: rain at night. 16. Rain, with brisk S.W. wind: barometer exceedingly low. 17. Very fine: frosty at night. 18. Frosty haze: very fine. 19. Cloudy and cool. 20. Fine. 21. Fine: rain. 22. Heavy rain. 23. Rain: clear and fine at night. 24. Heavy showers. 25. Cold and wet. 26. Overcust: rain. 27. Cloudy and fine. 28. Heavy rain. 29, 30. Clear and fine.

Boston.—Sept. 1. Cloudy. 2. Fine. 3. Rain: rain early A.M. 4—6. Fine. 7. Cloudy. 8. Fine. 9. Cloudy: rain early A.M. 10. Fine: rain early A.M. 11, 12. Fine. 13. Fine: rain P.M. 14. Cloudy. 15. Fine. 16. Fine: rain early A.M.: rain P.M. 17. Cloudy: rain early A.M. 18. Fine: rain P.M. 19, 20. Cloudy. 21. Cloudy: rain P.M. 22. Stormy and rain: rain A.M. Rain: rain early A.M. 24. Fine: rain early A.M. 25. Rain: rain early A.M.: rain A.M. 26. Fine: rain P.M. 27. Fine. 28. Cloudy. 29. Fine: rain P.M. 30. Fine.

Applegarth Manse, Dumfries-shire. - Sept. 1. Fine harvest day: air electric. 2. Rain from midday. 3, 4. Showery. 5. Fine and clear. 6. Fine but cloudy. 7. Fine: a few drops of rain. 8. Cloudy A.M.: rain P.M. 9. Wet: cleared up: The same: one shower. 14. Fine and clear. 15. Cold and showery. 16. Rain A.M. 17, 18. Very fine. 19. Fine A.M.: moist p.M. 20. Fine A.M. 21. Fine and fair. 25—27. Very wet. 28, 29. Moist. 30. Showery. Sun shone out 28 days. Rain fell 21 days. Thunder 1 day.

Wind north by east 1 day. North-east 3 days. East-north-east 3 days. East 3 days. South-east ½ day. South 5 days. South-south-west 1 day. Southwest 9½ days. West-south-west 2 days. West 1 day. North-west 1 day. Calm 6 days. Moderate 11 days. Brisk 5 days. Strong breeze 5 days.

Boisterous 2 days. Variable 1 day.

Mean temperature of the month 50°-30 Mean temperature of September, 1839 ... 52 ·12 Mean temperature of spring water 50 .90

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Applegarth Manse, Dumfries-shire. - Sept. 1. Fine harvest day: air electric. 2. Rain from midday. 3, 4. Showery. 5. Fine and clear. 6. Fine but cloudy. 7. Fine: a few drops of rain. 8. Cloudy A.M.: rain P.M. 9. Wet: cleared up: The same: one shower. 14. Fine and clear. 15. Cold and showery. 16. Rain A.M. 17, 18. Very fine. 19. Fine A.M.: moist p.M. 20. Fine A.M. 21. Fine and fair. 25—27. Very wet. 28, 29. Moist. 30. Showery. Sun shone out 28 days. Rain fell 21 days. Thunder 1 day.

Wind north by east 1 day. North-east 3 days. East-north-east 3 days. East 3 days. South-east ½ day. South 5 days. South-south-west 1 day. Southwest 9½ days. West-south-west 2 days. West 1 day. North-west 1 day. Calm 6 days. Moderate 11 days. Brisk 5 days. Strong breeze 5 days.

Boisterous 2 days. Variable 1 day.

Mean temperature of the month 50°-30 Mean temperature of September, 1839 ... 52 ·12 Mean temperature of spring water 50 .90

FOUNTAIN GUM BOTTLE.

I have found that the fountain inkstand, sold for Stephens's ink (but those sold by Mordan are probably as good), are the best vessels to keep gum-water in for common daily use. The fluid part of the gum-water being considerably above the level of the surface of the gum which is exposed for use, prevents it from becoming dry, as is so constantly the case in other kinds of vessels.—J. E. GRAY.

CARINARIA VITREA, LAMARCK.

Three specimens of this very rare shell have lately been brought to this country by Mr. Reeve, who purchased them at a sale in Holland. The shell of the unhatched animal (as is shown by the shell remaining on the apex of one of the specimens) is smooth, polished, nearly discoidal, and formed of several (three or four) slowly enlarging whorls, so as exactly to resemble the shell of the Helix lucida in form and appearance. When the animal is hatched, it suddenly enlarges its shell, and changes its form. The keel is formed of two distinct laminæ, one belonging to each side of the shell. In both these particulars, which I believe have not been noticed before, it exactly agrees with the more common Carinaria Mediterranea. - J. E. GRAY.

METEOROLOGICAL OBSERVATIONS FOR SEPT. 1840.

Chiswick.—Sept. 1, 2. Fine. 3. Rain. 4. Cloudy: rain. 5, 6. Fine. 7, 8. Very fine. 9. Hazy. 10—13. Very fine. 14. Hazy: heavy rain. 15. Cloudy: rain at night. 16. Rain, with brisk S.W. wind: barometer exceedingly low. 17. Very fine: frosty at night. 18. Frosty haze: very fine. 19. Cloudy and cool. 20. Fine. 21. Fine: rain. 22. Heavy rain. 23. Rain: clear and fine at night. 24. Heavy showers. 25. Cold and wet. 26. Overcust: rain. 27. Cloudy and fine. 28. Heavy rain. 29, 30. Clear and fine.

Boston.—Sept. 1. Cloudy. 2. Fine. 3. Rain: rain early A.M. 4—6. Fine. 7. Cloudy. 8. Fine. 9. Cloudy: rain early A.M. 10. Fine: rain early A.M. 11, 12. Fine. 13. Fine: rain P.M. 14. Cloudy. 15. Fine. 16. Fine: rain early A.M.: rain P.M. 17. Cloudy: rain early A.M. 18. Fine: rain P.M. 19, 20. Cloudy. 21. Cloudy: rain P.M. 22. Stormy and rain: rain A.M. Rain: rain early A.M. 24. Fine: rain early A.M. 25. Rain: rain early A.M.: rain A.M. 26. Fine: rain P.M. 27. Fine. 28. Cloudy. 29. Fine: rain P.M. 30. Fine.

Applegarth Manse, Dumfries-shire. - Sept. 1. Fine harvest day: air electric. 2. Rain from midday. 3, 4. Showery. 5. Fine and clear. 6. Fine but cloudy. 7. Fine: a few drops of rain. 8. Cloudy A.M.: rain P.M. 9. Wet: cleared up: The same: one shower. 14. Fine and clear. 15. Cold and showery. 16. Rain A.M. 17, 18. Very fine. 19. Fine A.M.: moist p.M. 20. Fine A.M. 21. Fine and fair. 25—27. Very wet. 28, 29. Moist. 30. Showery. Sun shone out 28 days. Rain fell 21 days. Thunder 1 day.

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Boisterous 2 days. Variable 1 day.

Mean temperature of the month 50°-30 Mean temperature of September, 1839 ... 52 ·12 Mean temperature of spring water 50 .90 Meteorological Observations made at the Apartments of the Royal Society by the Assistant Secretary, Mr. Roberton; by Mr. Thompson at the Garden of the Horticultural Society at Chiswick, near London; by Mr. Veall at Boston, and by Mr. Dunbar at Applegarth Manse, Dunfries-shire.

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Dew	point.	Lond.: Roy. Soc. 9 a.m.	62	99	25	10	28	57	55	000	20	27	20	22.52	52	48	49	.50	49	48	45	49			20	45	48	49	46	48	52	53	49	Mean.
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Rain.		Chism		cc.	100	70.	.13	:		.03	0.	00.			:	:	.40	.05	.19	:	:	:	:	.10	07.	.05	.36	.04	.16	:	.30	.01	:	2.45
	London:	9 a.m.			900	7.30		.122					.041			•	:	.283	.130	1111	:	:	:	:	.083	.333	:	-097	610.	.130	:	-269	:	Sum.
	Dum.	fries.	H.	SE. SW	200	S.W.S	ŝ	ŝ	ŝ	SW	Wew	SS.W.	SW	WSW.	NW.	W.	E by s.	N by E.	N.E.	NE.	NE.	ENE.	SW.	SW.	E.	ENE	ŝ	ŝ	SW.	SW.	SW.	SW.	SW.	
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	1 .	Min.	47 <u>F</u>	1		1.0			44						45½		$40\frac{1}{2}$	423	44	44½	40	37±	38	48	42	42	42							56.6 44.4
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	'u'	Bosto 84 a.	62	69	20	2 4	00	27.5	62	62	58	09	59	57.5	54	54	48.5	20	20	50.2	53	48.5	48	51.2	51	48	54	52	47	54	53	52	51	 54.3
neter.	vick.	Min.	58	53	7	2 4	40	40	53	44	51	59	45	40	35	34	43	41	43	53	48	38	35	25	40	39	48	35	42	49	48	42	51	44.03
Thermometer.	Chiswick,	Max.	80	78	99	200	007	89	74	99	7.1	99	72	.69	99	65	54	59	22	62	62	22	62	63	53	8	09	22	63	65	59	09	09	63.93 44.03 54.3
The	. Soc.	gister. Min.	54.3	63.6	2.93	20.07	52.0	21.5	20.8	57.3	52.3	2.99	2.09	6.19	47.5	45.5	16.0	6.54	46.9	45.7	41.7	49.3	45.4	42.0	52.4	9.77	48.0	20.0	45.4	0.64	51.3	50.5	46.3	20.0
	n: Roy	Self-register.	72.9	76.2	75.7	6.19	10.10				0.89	2.99	0.89	8.99	65.3	2.70	200.7	59.4	8.00	0.00	56.65	2.60	20.00	2.70	0.70	20.0	2000	59.3	20.2	9.09	63.8	60.3	99.0	63.3
	London: Roy. Soc.	Fahr. 9 a.m.	6.59								58.4		61.3				54.3					53.3							-	55.4				57.3
		8gp.m.	29.77	29.35	20.40	200.00	200 00	29.95	29.90		29.78		29.70	29.63	29.74				-				_	_	_			_		_	-		29.58	29.589
	Dumfries-shire.	9 a.m.	30.04	29.48	20.42	00.40	27 40	97.67.	30.03	29.80	29.88	29.58	29.69	29.66	59.64	29.62	29.31	29.27	28.76	29.32	29.90	30.00	29.87	29.63	29.50	29.18	29.53	29.83	29.74	29.65	29.52	29.15	29.62	29.575
eter.	Boston.	og a.m.	29.48	29.07	20.00	90.00	29.50	29.44	29.20	29.20	29.58	29.37	29.35	29.30	29.38	29.52	28.95	28.75	28.31	28.88	29.36	29.37	29.20	29.40	28.87	28.85	59.00	29.30	29.24	29.36	29.10	28.94	29.30	29-21
Barometer	ck.	Min.	29.713	29.559	20:569	00.700	00/ 67	176.67	30.112	30.005	30.073	29.880	29.917	29.901	29.894	29.643	29.197	29.100	28.744	29.470	29.820	29.837	566.65	29.735	29.482	29.301	29.455	29.702	29.874	29.899	29.214	29.283	29.934	29.686
	Chiswick.	Max.	29.965	29-689	29-727	VLL-00	4// 67	30.003	30.196	30.066	30.105	986.62	29.65	29.933	29.968	29.820	29.455	29.290	29.079	29.718	29.875	29.930	30.005	29.322	75.497	29.470	29.5/1	29.984	30.050	_			_	29.817
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Meteorological Observations made at the Apartments of the Royal Society by the Assistant Secretary, Mr. Roberton; by Mr. Thompson at the Garden of the Horticultural Society at Chiswick, near London; by Mr. Veall at Boston, and by Mr. Dunbar at Applegarth Manse, Dunfries-shire.

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Dew	point.	Lond.: Roy. Soc. 9 a.m.	62	99	25	10	28	57	55	000	20	27	20	22.52	52	48	49	.50	49	48	45	49			20	45	48	49	46	48	52	53	49	Mean.
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Rain.		Chism		cc.	100	70.	.13	:		.03	0.	00.			:	:	.40	.05	.19	:	:	:	:	.10	07.	.02	.36	.04	.16	:	.30	.01	:	2.45
	London:	9 a.m.			900	7.30		.122					.041			•	:	.283	.130	1111	:	:	:	:	.083	.333	:	-097	610.	.130	:	-269	:	Sum.
	Dum.	fries.	H.	SE. SW	200	S.W.S	ŝ	ŝ	ŝ	SW	Wew	SS.W.	SW	WSW.	NW.	W.	E by s.	N by E.	N.E.	NE.	NE.	ENE.	SW.	SW.	E.	ENE	ŝ	ŝ	SW.	SW.	SW.	SW.	SW.	
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Wind.	Moiv	Chisy I p.	E.	ď	-		SW.	W	w.	SW.	W	v	W	W	W.	W.	ri N	w.	SW.	w.	NE.	×	w.	o2	SW.	ŝ	W.	×.	SW.	W.	SW.	SW.	W.	
	London	Roy.Soc. 9 a.m.	Z	0	0 1	· M	ŝ	W.	of.	SW.	NW	ď	WNW.	S.W.	W.	SW.	ŝ	W.	S.	SW var.	W.	NNW.	WNW.	ŝ	ŝ	WSW.	ě	NW.	SW.	S	SE.	s,	w.	
	1 .	Min.	47 <u>F</u>	1		1.0			44						45½		$40\frac{1}{2}$	423	44	44½	40	37±	38	48	42	42	42							56.6 44.4
	Dumfries.	Max.	64	65 I	202	200		585			573	64	50			28	533	55	513	533	55 3	200			26	53	55	22	543	$53\frac{1}{2}$	57	$50\frac{1}{2}$	53	
	'u'	Bosto 84 a.	62	69	20	2 4	00	27.5	62	62	58	09	59	57.5	54	54	48.5	20	20	50.2	53	48.5	48	51.2	51	48	54	52	47	54	53	52	51	 54.3
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The	. Soc.	gister. Min.	54.3	63.6	2.93	20.07	52.0	21.5	20.8	57.3	52.3	2.99	2.09	6.19	47.5	45.5	16.0	6.54	46.9	45.7	41.7	49.3	45.4	42.0	52.4	9.77	48.0	20.0	45.4	0.64	51.3	50.5	46.3	20.0
	n: Roy	Self-register.	72.9	76.2	75.7	6.19	10.10				0.89	2.99	0.89	8.99	65.3	2.70	200.7	59.4	8.00	0.00	56.65	2.60	20.00	2.70	0.70	20.0	2000	59.3	20.2	9.09	63.8	60.3	99.0	63.3
	London: Roy. Soc.	Fahr. 9 a.m.	6.29								58.4		61.3				54.3					53.3							-	55.4				57.3
		8gp.m.	29.77	29.35	20.40	200.00	200 00	29.95	29.90		29.78		29.70	29.63	29.74				-				_	_	_			_		_	-		29.58	29.589
	Dumfries-shire.	9 a.m.	30.04	29.48	20.42	00.40	27 40	97.67.	30.03	29.80	29.88	29.58	29.69	29.66	59.64	29.62	29.31	29.27	28.76	29.32	29.90	30.00	29.87	29.63	29.50	29.18	29.53	29.83	29.74	29.65	29.52	29.15	29.62	29.575
eter.	Boston.	og a.m.	29.48	29.07	20.00	90.00	29.50	29.44	29.20	29.20	29.58	29.37	29.35	29.30	29.38	29.52	28.95	28.75	28.31	28.88	29.36	29.37	29.20	29.40	28.87	28.85	59.00	29.30	29.24	29.36	29.10	28.94	29.30	29-21
Barometer	ck.	Min.	29.713	29.559	20:569	00.700	00/ 67	176.67	30.112	30.005	30.073	29.880	29.917	29.901	29.894	29.643	29.197	29.100	28.744	29.470	29.820	29.837	566.65	29.735	29.482	29.301	29.455	29.702	29.874	29.899	29.214	29.283	29.934	29.686
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Dew	point.	Lond.: Roy. Soc. 9 a.m.	62	99	25	10	28	57	55	000	20	27	20	22.52	52	48	49	.50	49	48	45	49			20	45	48	49	46	48	52	53	49	Mean.
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Rain.		Chism		cc.	100	70.	.13	:		.03	0.	00.			:	:	.40	.05	.19	:	:	:	:	.10	07.	.05	.36	.04	.16	:	.30	.01	:	2.45
	London:	9 a.m.			900	7.30		.122					.041			•	:	.283	.130	1111	:	:	:	:	.083	.333	:	-097	610.	.130	:	-269	:	Sum.
	Dum.	fries.	H.	SE. SW	200	S.W.S	ŝ	ŝ	ŝ	SW	Wew	SS.W.	SW	WSW.	NW.	W.	E by s.	N by E.	N.E.	NE.	NE.	ENE.	SW.	SW.	E.	ENE	ŝ	ŝ	SW.	SW.	SW.	SW.	SW.	
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Wind.	Moiv	Chisy I p.	E.	ď	-		SW.	W	w.	SW.	W	u.	W	W	W.	W.	ri N	w.	SW.	w.	NE.	×	w.	o2	SW.	ŝ	W.	×.	SW.	W.	SW.	SW.	W.	
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	1 .	Min.	47 <u>F</u>	1		1.0			44						45½		$40\frac{1}{2}$	423	44	44½	40	37±	38	48	42	42	42							56.6 44.4
	Dumfries.	Max.	64	65 I	202	200		585			573	64	50			28	533	55	513	533	55 }	200			26	53	55	22	543	$53\frac{1}{2}$	57	$50\frac{1}{2}$	53	
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neter.	vick.	Min.	58	53	7	2 4	40	40	53	44	51	59	45	40	35	34	43	41	43	53	48	38	35	25	40	39	48	35	42	49	48	42	51	44.03
Thermometer.	Chiswick,	Max.	80	78	99	200	007	89	74	99	7.1	99	72	.69	99	65	54	59	22	62	62	22	62	63	53	8	09	22	63	65	59	09	09	63.93 44.03 54.3
The	. Soc.	gister. Min.	54.3	63.6	2.93	20.07	52.0	21.5	20.8	57.3	52.3	2.99	2.09	6.19	47.5	45.5	16.0	6.54	46.9	45.7	41.7	49.3	45.4	42.0	52.4	9.77	48.0	20.0	45.4	0.64	51.3	50.5	46.3	20.0
	n: Roy	Self-register.	72.9	76.2	75.7	6.19	10.10				0.89	2.99	0.89	8.99	65.3	2.70	200.7	59.4	8.00	0.00	56.65	2.60	20.00	2.70	0.70	20.0	2000	59.3	20.2	9.09	63.8	60.3	99.0	63.3
	London: Roy. Soc.	Fahr. 9 a.m.	6.29								58.4		61.3				54.3					53.3							-	55.4				57.3
		8gp.m.	29.77	29.35	20.40	200.00	200 00	29.95	29.90		29.78		29.70	29.63	29.74				-				_	_	_			_		_	-		29.58	29.589
	Dumfries-shire.	9 a.m.	30.04	29.48	20.42	00.40	27 40	97.67.	30.03	29.80	29.88	29.58	29.69	29.66	59.64	29.62	29.31	29.27	28.76	29.32	29.90	30.00	29.87	29.63	29.50	29.18	29.53	29.83	29.74	29.65	29.52	29.15	29.62	29.575
eter.	Boston.	og a.m.	29.48	29.07	20.00	90.00	29.50	75.44	29.20	29.20	29.58	29.37	29.35	29.30	29.38	29.52	28.95	28.75	28.31	28.88	29.36	29.37	29.20	29.40	28.87	28.85	59.00	29.30	29.24	29.36	29.10	28.94	29.30	29-21
Barometer	ck.	Min.	29.713	29.559	20:569	00.700	00/ 67	176.67	30.112	30.005	30.073	29.880	29.917	29.901	29.894	29.643	29.197	29.100	28.744	29.470	29.820	29.837	566.65	29.735	29.482	29.301	29.455	29.702	29.874	29.899	29.214	29.283	29.934	29.686
	Chiswick.	Max.	29.965	29-689	29-727	VLL-00	4// 67	30.003	30.196	30.066	30.105	986.62	29.65	29.933	29.968	29.820	29.455	29.290	29.079	29.718	29.875	29.930	30.005	29.322	75.497	29.470	29.5/1	29.984	30.050	_			_	29.817
	London:	9 a.m.	-	_	-		-			_				_	_		_	-				088.62	_			-					-	29.654	-	29.821
90000	Month.		_; c					_			_		_					_	_			2, 6							_		.78	29.	30.	Mean.